

Title: The 2011 NYS Field Crops Weekly Pest Report and Evaluation**Project Leaders:**

Ken Wise, Eastern NYS IPM Program Area Educator, Livestock and Field Crops, Cornell University, klw24@cornell.edu
Keith Waldron, NYS IPM Coordinator, Livestock and Field Crops, Cornell University, jkw5@cornell.edu

Cooperators: Cornell Cooperative Field Crop Extension Educators and Faculty

Type of project: Public Education

Project location: New York State

Abstract

The NYS Field Crop Weekly Pest Report provides timely pest information to field crop extension educators and agricultural professionals. The report compiles weekly pest and crop observations collected by field crop extension personnel across NYS. In addition, the weekly report provides a vehicle to disseminate other relevant IPM information such as pest identification, scouting techniques and a calendar with suggestions for pest management activities. The pest report is distributed via the Cornell general and “In-house” Field Crops List Serves. Subscribers to these list-servers include: Extension Educators, crop consultants, growers, agribusiness, and Cornell University Faculty. Twenty issues of the NYS Weekly Pest Report were published in 2011. Extension Educators and crop consultants utilize the Weekly Report as an overview of timely pest information, and have found the report useful in alerting their local clientele regarding pest management issues. About 200 people receive the pest report as an email from our Cornell list serves. Many articles from the report were also used in extension newsletters and radio and reached about 27,700 people. In addition the Weekly Pest Report is available to readers via the NYS IPM Program website.

Background and Justification

The NYS IPM Field Crops Pest Report is designed to inform Extension Educators and crop consultants on items of immediate pest management concern and provide a convenient news summary that can also be used in an outreach multiplier capacity with their clientele. Extension Educators and crop consultants are responsible for providing their clientele with timely information to help enhance crop and pest management decisions. The report is written to provide educational information for Extension Educators to use in their programming, newsletters, list-serves and outreach efforts. They can select the pest information that best fits their county situation and clientele’s needs. The report is a compilation of recent pest observations, and the amount and potential significance of their crop infestation. The pest report is short, concise and contains links to pest identification photographs and additional management information. Much of the pest alert information is obtained through a weekly conference call with extension field crop educators.

The report, now in its tenth year of publication, was developed by the NYS Livestock and Field Crop IPM Program Team with the involvement of several extension educators and faculty across NYS. The pest report is distributed electronically on the Cornell general and “In-House” Field Crop list-serves and the NYS IPM Program website.

Objectives:

1. Provide current pest information to field crop extension educators, crop consultants, growers, agribusiness, and Cornell Faculty on a weekly basis
2. Evaluate the impacts of the weekly pest report

Procedures:

The NYS IPM Program Livestock and Field Crop (LFC) team worked with extension educators to identify timely pest and crop management issues. The LFC team collaborated with Extension Educators and crop consultants from across NYS who shared their local pest and crop observations. The LFC Team prepared the report based on anticipated pest occurrence and feedback on timely field observations. Many of these field observations were communicated by extension educators via a weekly field crop field crop IPM conference call. The report used a concise newsletter format and targeted educational articles. The LFC Team was responsible for developing, compiling and publishing the Weekly Pest Report. Regular features of the weekly report included a view from the field, weather outlook, soybean rust, soybean aphid and western bean cutworm update, clipboard checklist, growing degree days and alfalfa weevil life stage predictions, livestock pest updates, and articles highlighting critical, timely or emerging pest issues. Photographs and internet links to identification pictures and in-depth management practices were provided within articles where possible.

The information was formatted into the weekly report and shared with clientele via Cornell general and “In-House” Field Crop list-serves, The weekly report was also posted to the NYS IPM Program website at: <http://nysipm.cornell.edu/fieldcrops/tag/pestrpt/default.asp>

At the completion of the growing season, Cornell extension personnel and field crop consultants were invited to complete a survey to evaluate usefulness and the potential impact of the 2011 NYS Field Crop Weekly Pest Report. The evaluation survey was conducted electronically via the In-house Cornell Field Crops Staff list-serve and the General Cornell Field Crops list-serve.

Results and Discussion:

The report addressed a wide variety of field crop insects, plant diseases, weeds, and vertebrate pests of concern this past season.

An index of the insect, disease, weed and “other” pest topics that were presented in the 2011 weekly pest report is provided in Table 1.

Table 1: 2011 Field Crops Weekly Pest Report-Index of Articles

<i>Insects, Mites/Beneficial Organisms/Natural Enemies/Biological Control</i>	Articles By Dates
--	------------------------------

Alfalfa Snout Beetle	
Fall IPM Alfalfa Assessment	9/2
View From the Field	5/12
Alfalfa Weevil	
View From the Field	5/12 , 5/20 , 6/11
GGD and Alfalfa Weevil	5/4 , 5/12 , 5/20 , 5/27 , 6/3 , 6/11 , 6/19
Alfalfa Weevil : Now's the Time	5/4
Biological Control with Parasitoids on Alfalfa Weevil	5/12
Aphids (Not Soybean Aphid-see below)	
View From the Field-Aphid Mummies	5/20
Armyworms	
View from the Field	5/12
Black Cutworm and True Armyworm-Be on the Lookout!	5/4
Winter Wheat Harvest & Storage, Year at a Glance!	7/22
Black Cutworm	
Black Cutworm and True Armyworm-Be on the Lookout	5/4
View from the Field	5/12 , 5/20 , 6/3 , 6/11 , 6/19
Bean Leaf Beetle	
Soybean Defoliators: Do They Do Damage?	7/15
Brown Marmorated Stink Bug	
Brown Marmorated Stink Bug— an Unwelcome Newcomer to New York	6/11
View From The Field	6/19 ,
Cereal Leaf Beetle	
View From the Field	5/27 , 6/3
Winter Wheat Harvest & Storage, Year at a Glance!	7/22
Corn Rootworm	
Which is Corn Rootworm?	
View from the Field	7/29

Do you know how to scout for Corn Rootworm?	7/29
Blister Beetles	
View from the Field	7/8
Darkling Beetles	
View from the Field	7/8
Dung Beetles	
Got Dung Beetles?	7/1
Face Flies	
Dairy Cattle Pest Management Resources	7/8
View From the Field	7/1 , 7/15 , 7/22 , 8/30
Fly Traps for Biting Flies of Attacking Animals on Pasture	7/29
Horn Flies	
Dairy Cattle Pest Management Resources	7/8
View from the Field	7/1 , 7/15 , 7/22 , 8/30
Fly Traps for Biting Flies of Attacking Animals on Pasture	7/29
House Flies	
View from the Field	7/22 , 8/30
Barn Flies? Early Season Efforts Will Pay Off.	5/20
Dairy Cattle Pest Management Resources	7/8
Japanese Beetles	
Soybean Defoliators: Do They Do Damage?	7/15
Mexican Bean Beetle	
Soybean Defoliators: Do They Do Damage?	7/15
Milkweed Beetle	
View from the Field	6/11
Parasitoids	
View From the Field	
Biological Control with Parasitoids on Alfalfa Weevil	5/12
Potato leafhopper	
View From the Field	5/12 , 6/3 , 7/8 , 7/22 , 7/29 , 8/5
How to Sample for Potato Leafhopper in Alfalfa	7/22
Partial Alfalfa Field Harvest Increases PLH risks	7/22
Seed Corn Maggot	
Wet Spring Season Corn Pests:	5/12

Diseases, Slugs and Maggots	
Soybean Seed Emergence and Stand Counts	6/27
Spider Mites	
Are soybeans at risk from spider mites?	7/29
Soybean Aphids	
View from the Field	6/11 , 6/19 , 6/27 , 7/8 , 7/29 , 8/5 , 8/21 , 8/30 , 9/2 , 9/9
Soybean Aphid 2011?	6/11
Is this a year for soybean aphid?	5/20
Time to Scout for Soybean Aphids	6/27
Scouting for Soybean Aphids	8/5
Stable Flies	
View from the Field	7/1 , 7/15 , 7/22 , 8/30
Dairy Cattle Pest Management Resources	7/8
Barn Flies? Early Season Efforts Will Pay Off.	5/20
Stable flies affecting animals on pasture...	7/8
Fly Traps for Biting Flies of Attacking Animals on Pasture	7/29
Stored Grain Pests	
Winter Wheat Harvest & Storage, Year at a Glance!	7/22
Storing Corn or Soybeans? Remember Stored Grains Pests!	8/21
Slugs	
Wet Spring Season Corn Pests: Diseases, Slugs and Maggots	5/12 , 6/11
Western Bean Cutworm	
Western Bean Cutworm in NY?	6/27
View from the Field	7/29 , 8/5 , 9/2 , 9/9
Western Bean Cutworm Moths have arrived	7/1
Western Bean Cutworm Still Very Low	7/8
Western Bean Cutworm Trap Counts on the rise	7/22
Western Bean Cutworm Trap Catches Increase	7/29
Western Bean Cutworm update	8/5 , 8/21 , 8/30 , 9/2

	9/9
Wireworms	
Soybean Seed Emergence and Stand Counts	6/27
White Grub	
Soybean Seed Emergence and Stand Counts	6/27
Plant Diseases	DATE
Alfalfa-Plant Diseases	
Alfalfa Winter Kill	
View From the Field	5/4
Anthracnose	
Fall IPM Alfalfa Assessment	9/2
Crown rots	
View from the Field	5/4
Fall Alfalfa Assessment	
Fall IPM Alfalfa Assessment	9/2
Fusarium spp	
Fall IPM Alfalfa Assessment	9/2
Gray Leaf Spot	
View from the Field	7/29
Leaf Spots	
Fall IPM Alfalfa Assessment	9/2
Leptosphaerulina Leaf Spot	
Fall IPM Alfalfa Assessment	9/2
Phytophthora root rot	
Fall IPM Alfalfa Assessment	9/2
Pythium	
View from the Field	5/4
Early season alfalfa disease	
Verticillium wilt	
Fall IPM Alfalfa Assessment	9/2
Corn-Plant Diseases	
Anthracnose Stalk Rot	
View From the Field	9/16
Check For Stalk Rots!	9/16
Cladosporium ear and kernel rot	
View From the Field	9/16
Stop! Check for Corn Ear Rot	9/16
Diplodia ear rot	
View From the Field	9/16
Stop! Check for Corn Ear Rot	9/16

View From the Field	9/16
Diplodia stalk rot	
View From the Field	9/16
Check For Stalk Rots!	9/16
Early Season Corn Diseases	
Wet Spring Season Corn Pests: Diseases, Slugs and Maggots	5/12
Fusarium ear rot	
View From the Field	9/16
Stop! Check for Corn Ear Rot	9/16
Fusarium stalk rot	
View From the Field	9/16
Check For Stalk Rots!	9/16
Gibberella ear rot	
View From the Field	9/16
Stop! Check for Corn Ear Rot	9/16
Gibberella stalk rot	
View From the Field	9/16
Check For Stalk Rots!	9/16
Gray Leaf Spot	
View from the Field	7/29
Northern Leaf Spot	
View from the Field	7/29
Penicillium ear rot or blue eye	
View From the Field	9/16
Stop! Check for Corn Ear Rot	9/16
Pythium stalk rot	
View From the Field	9/16
Check For Stalk Rots!	9/16
Soybean-Plant Diseases	Articles by Date
Phytophthora root and stem rot	
View from the Field	8/21 , 8/30 , 9/2
Seed Decay	
Soybean Seed Rot and Seedling Blight	6/19
Seedling Blights	
Soybean Seed Rots and Seedling Blight	6/19
Soybean Seed Emergence and Stand Counts	6/27
Soybean Vein Necrosis Virus	
View From the Field	9/30 , 8/30
A New Disease in New York: Soybean Vein Necrosis Virus (SVNV)	8/30
Stored Grain Pests	
Winter Wheat Harvest & Storage, Year at a Glance!	7/22

White Mold	
White Mold in Soybeans	8/21
View From the Field	8/21 , 8/30 , 9/2 , 9/9
Wheat-Plant Diseases	Articles by Date
Fusarium head blight	
View from the Field	6/19
Fusarium head blight map risk assessment tool 2011	5/27
Fusarium head blight commentary	6/3
How to Recognize Scab (Fusarium head blight) on Wheat	6/3
Fusarium head blight Update	6/11
Leaf & stem rust	
View From the Field	6/3
Powdery mildew	
View From the Field	5/20 , 5/27
Wet Weather Increases Risk of Potential Winter Wheat Diseases	5/20
Winter Wheat Harvest & Storage, Year at a Glance!	7/22
Snow Mold	
View from the Field	5/4
Stagonospora nodorum blotch	
View from the Field	6/27
Wet Weather Increases Risk of Potential Winter Wheat Diseases	5/20
Stored Grain Pests	
Winter Wheat Harvest & Storage, Year at a Glance!	7/22
Weeds	Articles by Date
Alfalfa Weed Issues	
View from the Field	7/22
Dogger	7/22
Corn Weed Issues	
Cultivating Corn	5/27
Late Planted Corn and Weed Control	6/11
Livestock Weed Issues	
Fall Weed Survey - Invasive species and Plants affecting Livestock	9/2
Vertebrates in Field Crops	Articles by Date
Birds	
View from the Field	5/12 , 6/19 ,
Stored Grain	
Winter Wheat Harvest &	7/22

Storage, Year at a Glance!	
Weekly Updates	Articles By Date
View From the Field	Every Issue
Weather Outlook	Every Issue
Growing Degree Days In NYS	5/4 , 5/12 , 5/20 , 5/27 , 6/3 , 6/11 , 6/19
Soybean Rust Update	
Soybean Aphid Update	
Clipboard Checklist	Every Issue
Livestock pests	
Barn Flies	
View from the Field	7/22 , 8/30
Dairy Cattle Pest Management Resources	7/8
Barn Flies? Early Season Efforts	5/20

Will Pay Off.	
Pasture Flies	
Dairy Cattle Pest Management Resources	7/8
View From the Field	7/1 , 7/15 , 7/22 , 8/30
Fly Traps for Biting Flies of Attacking Animals on Pasture	7/29
Got Dung Beetles	7/1
Other	
Dairy Cattle Pest Management Resources	7/8
Fall Weed Survey - Invasive species and Plants affecting Livestock	9/2

Weekly Report Evaluation:

To obtain feedback on the effectiveness of the weekly pest report our users were invited to respond to a survey questionnaire. Questions on the questionnaire ranged from “How useful was the pest report?” to “What did you like the most about it?” The Weekly Report Evaluation Survey questionnaire is presented in Appendix 1. Fourteen individuals returned completed surveys via email. Survey responses were very positive indicating satisfaction with the Report’s content, format, timeliness, and usefulness as a source of valuable subject matter information for use in additional outreach situations. The following tables and figures summarize responses to survey questions:

Table 2: Responses to “We are interested in your assessment of the usefulness of the following topic items that regularly appeared in the Field Crops IPM Weekly Pest Report.”

	Very Useful	Somewhat Useful	Not Useful
The NYS 2011 Weekly Field Crops Pest Report was:	62%	38%	0%
View from the field	97%	3%	0%
Weather Outlook	13%	67%	20%
Weekly Featured article(s)	74%	26%	0%
Pest Images / Photographs	87%	13%	0%
Western Bean Cutworm Update	59%	36%	5%
Growing Degree Days	37%	53%	10%
Clipboard Checklist	23%	48%	29%
Internet Links	74%	26%	0%

Figure 1: Did you use the web version the NYS Weekly Field Crops Pest Report?

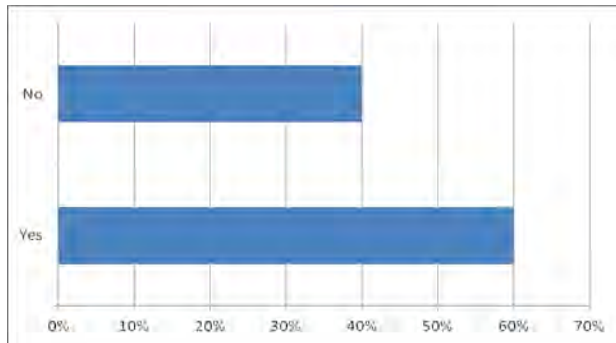


Figure 2: Have you provided your clientele with the URL for them to link to the NYS Weekly Field Crops Pest Report via the web?

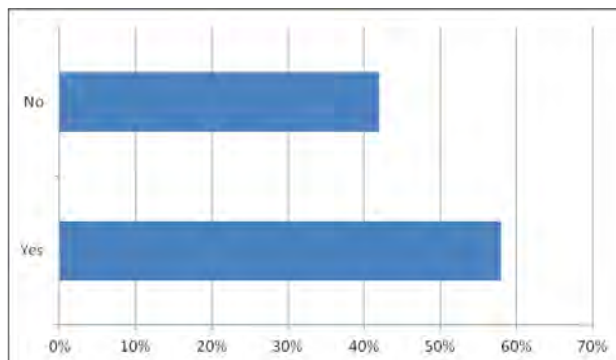
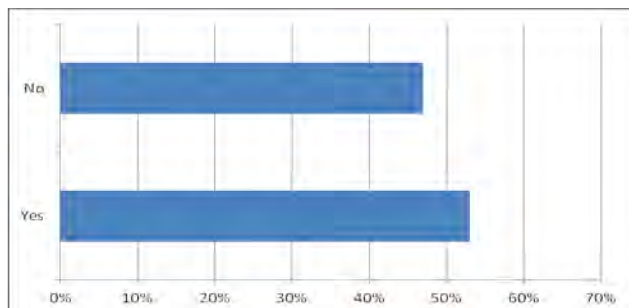


Figure 3: Have you used articles from the NYS Weekly Field Crops Pest Report in your extension programming, outreach, or newsletters?



The pest report articles were used in extension newsletters and a radio program that reached approximately 27,720 people in NYS on a regular basis throughout the growing season. The IPM information in the pest report was used in many different ways in addition to extension newsletters. These included: field meetings with growers, one on one contact with growers, forwarded emails to growers and agribusiness personnel, personal knowledge of what pest problems are occurring in NYS with extension educators and crop advisors, and providing a direct internet link from agricultural related websites to the pest report.

Table 3: Selected comments to: “What did you like the most about the NYS Weekly Field Crops Pest Report?”

1.	Like the info all in one place for the state. I use the leafhopper, soybean aphid and Western bean cutworm info, as well as any soil/tillage info and general crop status in Western and Central NY.
2.	It is well written; succinct; has information not found elsewhere.
3.	Pests updated in View from the Field
4.	That the topics for the week were listed at the top allowing me to make a quick decision on whether there was something that I wanted to scroll down to and read.
5.	I appreciate getting updates on what is happening with pest populations around the state.
6.	That there was a weekly summary of current conditions across the state available and that there were steps that farmers should be taking this time of year to be prepared.
7.	Current info, reports from across the state and links to pertinent timely articles
8.	Timeliness, readability
9.	Photos, reports from the field.
10.	Timely information that reminded me of pest to keep an eye on in that time of the growing season. Timely and readily available articles to be used for newsletters, etc.
11.	An update on the general state of crops.
12.	Gives a view of what others are seeing in the field.
13.	I liked seeing what was going on in the rest of the State.
14.	I use just about all of it. Short articles, good pictures, field observations
15.	Pictures and IPM guidelines for what is out there this week
16.	I am not an agronomist so any and all tools are useful to me. I appreciate your time for putting this together.
17.	Weekly pest update, conditions across the state. I like to compare with what I see in the field. Also, the pest write-ups are useful reviews.
18.	Always has up to date information and reminders for what pests to expect or look for during the course of the growing season.
19.	Reports around the state
20.	Information from the "corners" or NY
21.	This season I was unable to make the conference calls but able to use the report for my croppers and stay on top of trends- simple email format and reference points.

Table 4: Comments to: “What did you like the least about the NYS Weekly Field Crops Pest Report?”

1.	Usually skip over the check lists part.
2.	Would like to see more input on other issues like tillage, seed rates, fertilizer etc
3.	I don't use the clipboard checklist. May be useful to others, but not to me.
4.	Link to website to view current issue and archives did not always work.
5.	Clipboard checklist is okay but not always referred to each week.
6.	I think sometimes the repetitiveness of the checklists can make them easy to ignore.
7.	One more email to read! Not the fault of the Pest Report, but rather a symptom of the barrage of email we all seem to be confronted with every day.
8.	I find the weather a bit irrelevant, since it is past by a few days.

9.	Clipboard Checklist
10.	More reports from extension agents in specific regions would be useful if they were willing to post those comments. Probably some of them are not in tune with what is going on in the field, though...

Table 5: Comments to: “Have you used information from the NYS IPM Weekly Field Crops Pest Report in your extension programming and outreach (other than in newsletters)?”

1.	Yes. In grower and salespeople communications to GROWMARK FS locations in NY and bordering states. E.g. 1). e-mail scouting alerts or reminders to GROWMARK FS personnel and locations in NY and adjoining states; 2). Phone calls; 3) e-mail pest control recommendation reminders; 4). During my own farm visits and field troubleshooting calls, sometimes with grower and/or GROWMARK FS personnel; 5). Scouting and IPM Training with Summer Interns.
2.	Yes, Used information to help train scouts.
3.	Yes, I often print off articles and hand them out on farm visits.
4.	Yes, shared with email list regularly, posted link to website. May use info on farm visits
5.	The Field crops report was forwarded to our mailing list in its entirety. The list has about 95-100 names on it. I received positive feedback over the summer and fall.
6.	Likely will be using the Brown Marmorated Stink Bug count information in a November presentation and possibly other presentation this winter.
7.	Information is useful to me when I need to share comments about levels of pest pressure as a background to the importance of pest resistant varieties. Skimming the weekly pest report helps me to have a season-long and geographically broader impression of this than I would otherwise get.
8.	Sent info to farmers concerned about Western Bean Cutworm and put together a fact
9.	Field crops are in rotation with vegetables/dry beans so I need to know in general what's going on with them. Also, some of the pests on field crops/veg/dry beans are in common.
10.	

In 2008 we began adding more current statewide field crop pest observations gleaned from reports provided by CCE personnel in a weekly conference call.

Summary

Twenty NYS Weekly Pest Reports were published in 2011. Extension Educators, crop consultants, agribusiness personnel, growers and others utilized the Weekly Report as an overview of timely pest information, and have found the report useful in alerting their local clientele regarding pest management issues.

Highlight I: Managing field crop diseases was concern this past growing season due to record setting early rainfalls early and late season storms. The associated environmental conditions were favorable for the development of a number of different diseases of corn, soybean and wheat. Some of the more noteworthy diseases were gray leaf spot, northern corn leaf blight, ear rots of corn, fusarium head blight in wheat, powdery mildew in wheat and white mold in soybeans. We prepared and published timely newsletter articles on the diseases of concern. This information helped enhance grower decisions on regarding control measures.

Highlight II: Soybean aphid (SBA) infestations were low most of the season this year. Only at the end of the season did populations in some areas rise. In most cases, these higher SBA populations occurred in more mature soybeans, past the point at which SBA could cause yield losses. We were able to alert Extension Educators, crop consultants and growers about the issue and in turn they disseminated this information to growers. Farmers were able to make the decision not to spray fields this season, thus protecting the environment and potentially saving \$1000's on input costs.

Highlight III: Western bean cutworm (WBCW) a pest of corn and dry beans was first found in western NY in 2009. Extensive statewide pheromone trap field monitoring over 2010 and 2011 has determined WBC moths are well distributed across the state with relatively more moths collected in western NY counties, although high WBC counts were also collected in sites close to Lake Champlain. At this point in time, WBC populations are currently below economically damaging levels; *however*, they are slowly increasing. Physical appearance of captured WBC moths suggests they are overwintering locally. WBC populations could be expected to establish, increasing risk of economic impact to NY dry bean and corn production in the future. We were able to alert our clientele about this issue and keep them apprised of WBCW activity.

About 200 people received the pest report as an email from our two Cornell University based field crop list serves. Many articles from the report were additionally used in extension newsletters that reached at about 27,700 people. In addition, the Weekly Pest Report is available more generally through our NYS IPM Field Crops website. We are reaching many growers with critical pest information and alerts weekly in NYS both through extension educators and crop consultants.

The weekly report has been an effective means to share timely Livestock and Field Crop IPM information with clientele including extension personnel, consultants, growers, and others in the agriculture community. We have been pleased with the positive feedback from clientele responding to our end of season survey, the use of articles in county extension publications and the ease of access afforded by the report being available on the world wide web.

Plans for 2012:

Continue publication of weekly pest report with sensitivity to incorporate suggestions provided from evaluator feedback. Outreach will be enhanced through posting the WPR on the Field Crop Extension Blog scheduled to go on-line in May 2012. This blog will have ability for readers to self enroll into an email subscription list, enhancing potential outreach. A proposal has been submitted for secure dedicated funding to continue this weekly pest report.

Samples of materials:

A link to archived NYS IPM Field Crops Pest Reports is available on-line at:
<http://nysipm.cornell.edu/fieldcrops/tag/pestrpt/default.asp>

Key Words: alfalfa, clover, field corn, small grains, soybeans, wheat, insect pests, leaf diseases, pod diseases, root diseases, stalk diseases, stem diseases, weeds, biological control, chemical control, cultural control, demonstration/implementation (TAg), economic analysis, monitoring, research & education, IPM, integrated pest management,

Weekly Report Evaluation:

Appendix 1: NYS IPM Field Crops Pest Report Survey 2011

Your input on the effectiveness of the NYS Weekly Field Crops Pest Report is important to us. By providing your perspective you can help us design the report to better fit your extension needs in the future. Please take a minute to complete the following survey questionnaire. Indicate your answer by placing an "X" on the line or a response to the specific questions about the 2011 Weekly NYS Field Crops Pest Report. *Thanks for your help!*

1. The NYS 2011 Weekly Field Crops Pest Report was:

Very Useful _____ Somewhat Useful _____ Not Useful _____

2. What did you like the most about the NYS Weekly Field Crops Pest Report?

3. What did you like the least about the NYS Weekly Field Crops Pest Report?

4. We are interested in your assessment of the usefulness of the following topic items that regularly appeared in the Field Crops IPM Weekly Pest Report.

Featured Articles / Topics	Very Useful	Somewhat Useful	Not Useful
View from the field			
Weather Outlook			
Weekly featured article(s)			
Pest Images / Photographs			
Western Bean Cutworm Update			
Growing Degree Days in NYS			
Clipboard Checklist			

Comments:

5. The Internet links provided in the NYS Weekly Field Crops Pest Report to additional information and identification pictures about specific pests were:

Very Helpful _____ Somewhat Helpful _____ Not Helpful _____

6. Did you use the web version the NYS Weekly Field Crops Pest Report? Yes _____ No _____

7. Have you provided your clientele with the URL for them to link to the NYS Weekly Field Crops Pest Report via the web?

Yes _____ No _____

8. Have you used articles from the NYS Weekly Field Crops Pest Report in your newsletters?

Yes _____ No _____

-If yes, please indicate the name of the newsletter and the number of people that are targeted to receive it.

9. Have you used information from the NYS IPM Weekly Field Crops Pest Report in your extension programming and outreach (*other* than in newsletters)?

- If yes, please explain (For example, information was useful at an on-farm meeting, or farm visit; or information was useful for scout training, etc.)

10. Do you have any comments or suggestions to improve next season's NYS Weekly Field Crops Pest Report to better suit your field crop IPM needs and those of your clientele?

Thank you for taking the time from your busy schedule to complete this evaluation

Your input is greatly appreciated!